

B35/450 (Bonus)

Main data

Rated power: 450 kW

Rotor diameter: 35 m

Old model

Offshore model: no

Rotor

Number of blades: 3

Swept area: 962.1 m²

Power density: 2.14 m²/kW

Maximum speed: 35 rd/min

Manufacturer: LM Glasfiber

Tower

Minimum hub height: 30 m

Maximum hub height: 35 m

Weights

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 43

Manufacturer: Flender

Wind speeds

Cut-in wind speed: 4,5 m/s

Rated wind speed: 16,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1500 rd/min

Voltage: 400 V

Manufacturer: ABB